

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Canceled)
2. (Currently amended) The device of claim ~~[[1]]~~ 16, and further comprising a data processing unit connected between the data conversion unit and the remote unit, so that the data conversion unit exchanges data with the remote unit via the data processing unit.
3. (Original) The device of claim 2, wherein the data processing unit includes a web server.
4. (Original) The device of claim 2, and further including an operating and monitoring device connected between the data conversion unit and the data processing unit.
5. (Original) The device of claim 2, wherein the data conversion unit comprises a communication DLL for converting the data that are transmitted from the at least one automation device according to the first communication protocol for further processing by the data processing unit, wherein the data processing unit exchanges data with the remote unit according to the second communication protocol.
6. (Original) The device of claim 4, wherein the data conversion unit comprises a communication DLL for converting the data that are transmitted from the at least one automation device according to the first communication protocol for further processing by the operating and monitoring device, wherein the data processing unit exchanges data with the remote unit according to the second communication protocol.

7. (Original) The device of claim 2, and further comprising a data processing unit, wherein the data conversion unit is operatively connected with the data processing unit and the remote unit, so that the data conversion unit is configured as an expansion module of a standard browser installed on the data processing unit.
8. (Original) The device of claim 7, wherein the expansion module is configured to be loadable via the Internet and couplable to the standard browser.
9. (Currently amended) The device of claim ~~[[1]]~~ 16, and further comprising a data processing unit, wherein the data conversion unit is operatively connected with the data processing unit and the remote unit, so that the data conversion unit is configured as an application software module installed on the data processing unit.
10. (Original) The device of claim 9, wherein the application software module is implemented as one of a database program, an Enterprise Resource Planning (ERP) program or a data history logging program.
11. (Currently amended) A method for data transmission to access from a remote unit via a standard browser at least one automation device, comprising the steps of:
 - transmitting the data between the remote unit and the at least one automation device by connecting a data conversion unit therebetween;
 - exchanging the data between the at least one automation device and the data conversion unit and between the automation devices according to a first communication protocol;
 - exchanging the data between the data conversion unit and the remote unit according to a second communication protocol;
 - causing the data conversion unit to convert the data according to the first communication protocol into the data according to the second

communication protocol, [[and]]

transmitting quality data in the first communication transmission protocol, and with the first communication protocol, exchanging data among two or more automation devices using exclusively binary data transmission and exchanging data between the at least one automation device and the data conversion unit by using, depending on the quality data and ease of conversion between the first and second communication protocol in the data conversion unit, either markup data transmission or binary data transmission,
and

~~deciding exchanging data, depending based on the quality data, how data are to be transmitted between the data conversion unit and the remote unit with by using the second communication protocol by using one of polling, an endless HTML page or a bidirectional HTTP communication.~~

12. (Previously presented) The method of claim 11, wherein the quality data indicate information about significance of the data, or information about urgency of the data to be transmitted, or a combination thereof.
13. (Canceled)
14. (Currently amended) The device of claim ~~[[1]]~~ 16, wherein the quality data comprise information about significance of the data, or information about urgency of the data to be transmitted, or a combination thereof.
15. (Canceled)
16. (New) A data transmission device for accessing from a remote unit at least one automation device via a standard browser, comprising:
a data conversion unit connected between the remote unit and the at least one automation device and configured to convert data between a first communication protocol and a second communication protocol,

wherein, using the first communication protocol, two or more automation devices exchange data among themselves using exclusively binary data transmission and the at least one automation device and the data conversion unit exchange data and quality data by configuring the data for either markup data transmission or binary data transmission depending on the quality data depending on the quality data and ease of conversion between the first and second communication protocol in the data conversion unit, wherein the data are exchanged according to the second communication protocol between the data conversion unit and the remote unit based on the quality data by using one of polling, an endless HTML page or a bidirectional HTTP communication.